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PATENT

Attorney Docket No.: 015280-405100US  
DHHS No.: E-293-1999/0-US-06

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On February 23, 2006

TOWNSEND and TOWNSEND and CREW LLP

By: Sylva Arnold

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Stephen H. Leppla et al.

Application No.: 10/088,952

Filed: March 22, 2002

For: MUTATED ANTHRAX TOXIN  
PROTECTIVE ANTIGEN PROTEINS  
THAT SPECIFICALLY TARGET  
CELLS CONTAINING HIGH  
AMOUNTS OF CELL-SURFACE  
METALLOPROTEINASES OR  
PLASMINOGEN ACTIVATOR  
RECEPTORS

Customer No.: 20350

Confirmation No. 4741

Examiner: Brandon J. Fetterolf

Technology Center/Art Unit: 1642

**AMENDMENT AND RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the final Office Action mailed August 23, 2005, please enter the following amendments and consider the following remarks. A three-month petition to extend the period for response to February 23, 2006 and a Declaration under 37 C.F.R § 1.132 by Dr. Stephen Leppla accompany this response. A Notice of Appeal is also submitted herewith.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

Appl. No. 10/088,952  
Amdt. dated February 23, 2006  
Reply to Office Action of August 23, 2005

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**Remarks/Arguments** begin on page 6 of this paper.